

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022522\
 Data File : BN018723.D
 Acq On : 25 Feb 2022 10:31
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020290

Quant Time: Feb 25 11:17:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN021622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 16 16:48:14 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	236289	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.716	136	892738	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.545	164	495434	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.286	188	926261	20.000	ng/u1	0.00
79) Chrysene-d12	21.469	240	860624	20.000	ng/u1	0.00
88) Perylene-d12	23.863	264	867000	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	56343	8.988	ng/uL	0.00
4) Pyridine-d5	3.699	84	385951	22.772	ng/u1	0.00
7) Phenol-d5	7.058	99	438566	22.505	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.228	67	275541	22.781	ng/u1	0.00
11) 2-Chlorophenol-d4	7.434	132	347351	22.630	ng/u1	0.00
15) 4-Methylphenol-d8	8.610	113	325756	21.889	ng/u1	0.00
21) Nitrobenzene-d5	9.063	128	152002	22.158	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.793	143	159819	21.753	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	310565	22.147	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.846	131	395452	21.106	ng/u1	0.00
46) Dimethylphthalate-d6	13.951	166	777221	21.671	ng/u1	0.00
49) Acenaphthylene-d8	14.240	160	1042916	22.445	ng/u1	0.00
54) 4-Nitrophenol-d4	14.722	143	128467	20.613	ng/u1	0.00
60) Fluorene-d10	15.534	176	674724	21.790	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	105230	19.255	ng/u1	0.00
73) Anthracene-d10	17.381	188	977179	22.048	ng/u1	0.00
81) Pyrene-d10	19.675	212	1082845	21.496	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.710	264	1002119	22.664	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.317	88	62385	9.418	ng/uL	92
5) Pyridine	3.717	79	402470	22.988	ng/u1	98
6) Benzaldehyde	7.034	77	209873	19.473	ng/u1	96
8) Phenol	7.087	94	466754	23.022	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.322	93	373237	22.761	ng/u1	99
12) 2-Chlorophenol	7.469	128	365539	22.483	ng/u1	94
13) 2-Methylphenol	8.346	108	326379	22.050	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.440	45	507703	23.343	ng/u1	99
16) Acetophenone	8.728	105	522526	22.315	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.716	70	252469	21.901	ng/u1	92
18) 4-Methylphenol	8.675	108	353287	22.165	ng/u1	100
19) Hexachloroethane	8.999	117	146619	21.168	ng/u1	96
22) Nitrobenzene	9.110	77	395848	22.552	ng/u1	97
23) Isophorone	9.634	82	661377	21.568	ng/u1	95
25) 2-Nitrophenol	9.822	139	183993	22.463	ng/u1	91
26) 2,4-Dimethylphenol	9.881	107	386421	22.241	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.116	93	444238	22.141	ng/u1	99
29) 2,4-Dichlorophenol	10.357	162	312226	21.844	ng/u1	99
30) Naphthalene	10.763	128	1087350	22.290	ng/u1	99
32) 4-Chloroaniline	10.869	127	424126	21.870	ng/u1	99
33) Hexachlorobutadiene	11.063	225	211564	20.515	ng/u1	98
34) Caprolactam	11.604	113	74491	19.795	ng/u1	93
35) 4-Chloro-3-methylphenol	11.987	107	316348	21.900	ng/u1	99
36) 2-Methylnaphthalene	12.375	142	694349	21.410	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.593	142	702213	21.385	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.746	216	363483	21.854	ng/ul#	96
40) Hexachlorocyclopentadiene	12.734	237	219342	19.153	ng/ul	99
41) 2,4,6-Trichlorophenol	12.981	196	221451	22.724	ng/ul	99
42) 2,4,5-Trichlorophenol	13.046	196	240846	22.628	ng/ul	98
43) 1,1'-Biphenyl	13.381	154	914966	22.584	ng/ul	99
44) 2-Chloronaphthalene	13.422	162	708546	22.740	ng/ul	95
45) 2-Nitroaniline	13.616	65	175558	22.195	ng/ul	94
47) Dimethylphthalate	13.998	163	797560	21.760	ng/ul	99
48) 2,6-Dinitrotoluene	14.110	165	150164	21.956	ng/ul	99
50) Acenaphthylene	14.269	152	1087189	22.342	ng/ul	99
51) 3-Nitroaniline	14.434	138	109107	17.145	ng/ul	93
52) Acenaphthene	14.610	153	701493	22.252	ng/ul	99
53) 2,4-Dinitrophenol	14.645	184	65316	16.312	ng/ul	90
55) 4-Nitrophenol	14.734	109	112814	19.961	ng/ul	93
56) Dibenzofuran	14.940	168	984900	21.932	ng/ul	93
57) 2,4-Dinitrotoluene	14.892	165	211854	21.441	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.163	232	175333	21.277	ng/ul#	86
59) Diethylphthalate	15.357	149	752404	21.191	ng/ul	97
61) Fluorene	15.587	166	761517	21.985	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.581	204	377056	21.250	ng/ul	93
63) 4-Nitroaniline	15.592	138	82551	15.414	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.657	198	112075	19.883	ng/ul	98
67) N-Nitrosodiphenylamine	15.792	169	650799	22.680	ng/ul	97
68) 4-Bromophenyl-phenylether	16.475	248	217034	21.200	ng/ul	88
69) Hexachlorobenzene	16.598	284	244383	21.177	ng/ul#	90
70) Atrazine	16.739	200	215525	21.133	ng/ul	97
71) Pentachlorophenol	16.934	266	133911	20.621	ng/ul	97
72) Phenanthrene	17.328	178	1164008	22.254	ng/ul	98
74) Anthracene	17.416	178	1174990	22.371	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.351	216	391172	22.536	ng/ul	96
76) Pentachlorobenzene	14.869	250	321969	22.047	ng/ul	98
77) Carbazole	17.681	167	1007360	22.526	ng/ul	98
78) Di-n-butylphthalate	18.251	149	1075430	20.747	ng/ul	99
80) Fluoranthene	19.339	202	1303821	21.675	ng/ul	99
82) Pyrene	19.704	202	1309837	21.179	ng/ul	96
83) Butylbenzylphthalate	20.598	149	432181	20.121	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.380	252	286272	17.744	ng/ul	99
85) Benzo(a)anthracene	21.451	228	1248185	21.822	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.380	149	655178	20.310	ng/ul#	97
87) Chrysene	21.504	228	1242274	21.947	ng/ul	99
89) Di-n-octyl phthalate	22.304	149	1087184	18.341	ng/ul	100
90) Benzo(b)fluoranthene	23.133	252	1256329	21.496	ng/ul	98
91) Benzo(k)fluoranthene	23.180	252	1230258	22.236	ng/ul	98
93) Benzo(a)pyrene	23.757	252	1250006	22.216	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.357	276	1472830	23.393	ng/ul	94
95) Dibenzo(a,h)anthracene	26.368	278	1249814	22.975	ng/ul	98
96) Benzo(g,h,i)perylene	27.121	276	1266785	23.571	ng/ul	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

